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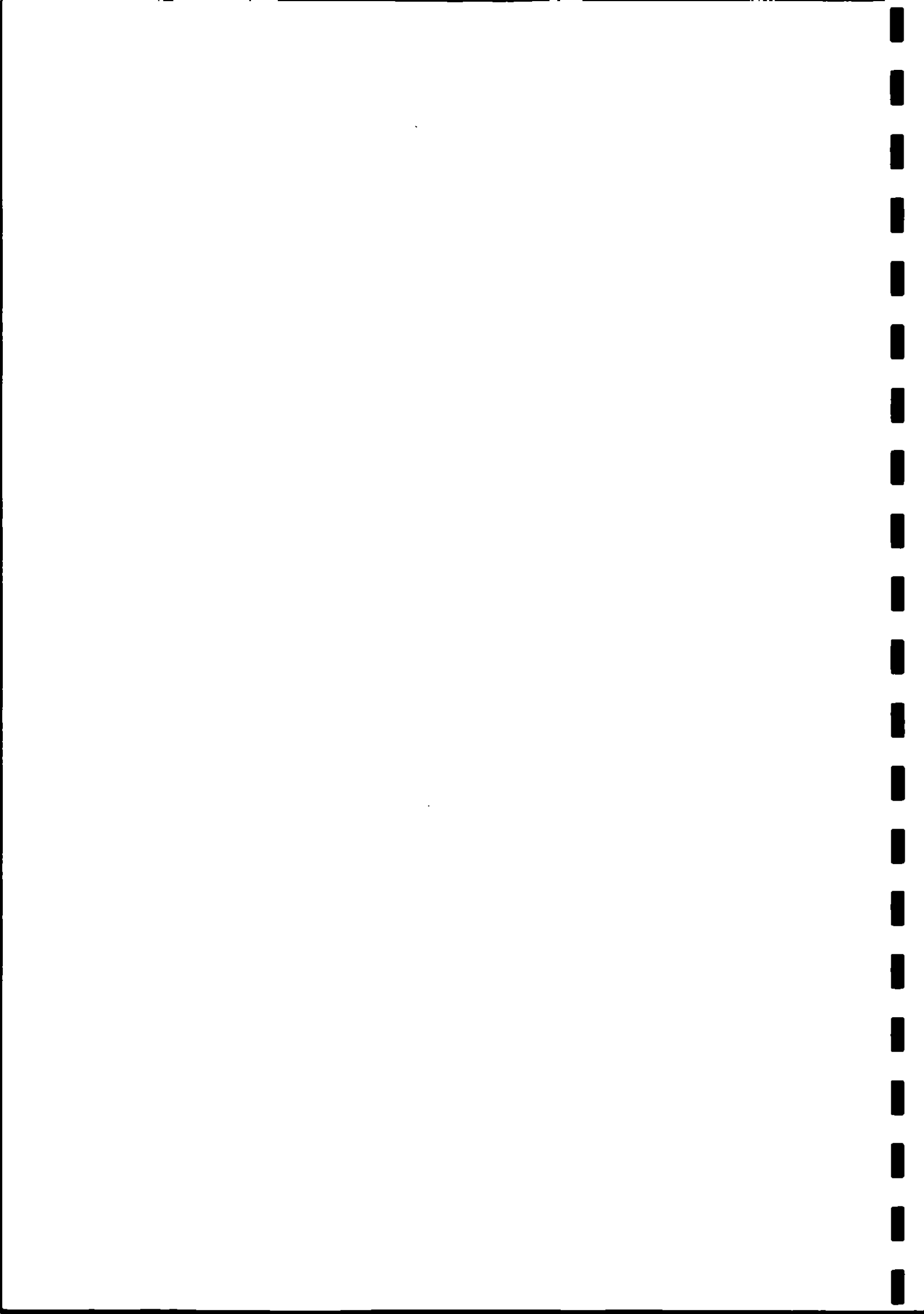
Project No T02071j1

**ITE Land Classification for the  
county of South Glamorgan**

D C Howard and R G H Bunce

Merlewood Research Station  
Grange-over-Sands  
Cumbria LA11 6JU

August 1993



## Land Use Research Group

### ITE Land Classification for South Glamorgan

The following table holds the land class of each square in South Glamorgan. The format of the table is easting (a three digit number), northing (a three digit number) and land class (one or two digits). The data is ordered by easting as primary key and northing as secondary.

The grid reference follows the Ordnance Survey National Grid, using the numeric convention (Harley 1975). Should a grid reference be held in the alpha-numeric format it can be converted into numeric by removing the two letters and modifying the digits. South Glamorgan occupies part of two 100 kilometre (km) squares, SS and ST. In terms of a 1 km grid, square SS starts with easting 200 and northing 100, and ST with 300 and 100 respectively. Having removed the letters, the remaining digits can be split equally into two parts; the first part is the easting the second northing. The easting and northing equivalents are added to the digits to produce the final grid reference, eg SS1234 becomes 212 134 (SS is 200, 100 so 200+12 and 100+34). The six figure grid reference describes a complete 1 km square and on a large scale map (eg 1:50 000) it can be identified by reading the easting value off the horizontal axis and the northing off the vertical. The intersection of lines defines the south west (bottom left) corner of the square.

The ITE land Classification was produced in the late 1970's by multivariate analysis of a number of environmental factors (Bunce *et al.* 1981). It stratifies Great Britain into 32 different groups called land classes; every 1 km square in Great Britain has been allocated to it's land class. Three national surveys (the Countryside Surveys) have been performed to characterise the different land classes (Barr 1990), and the classification is being used to model the consequences of a variety of different changes (eg Bunce *et al.* 1992).

### References

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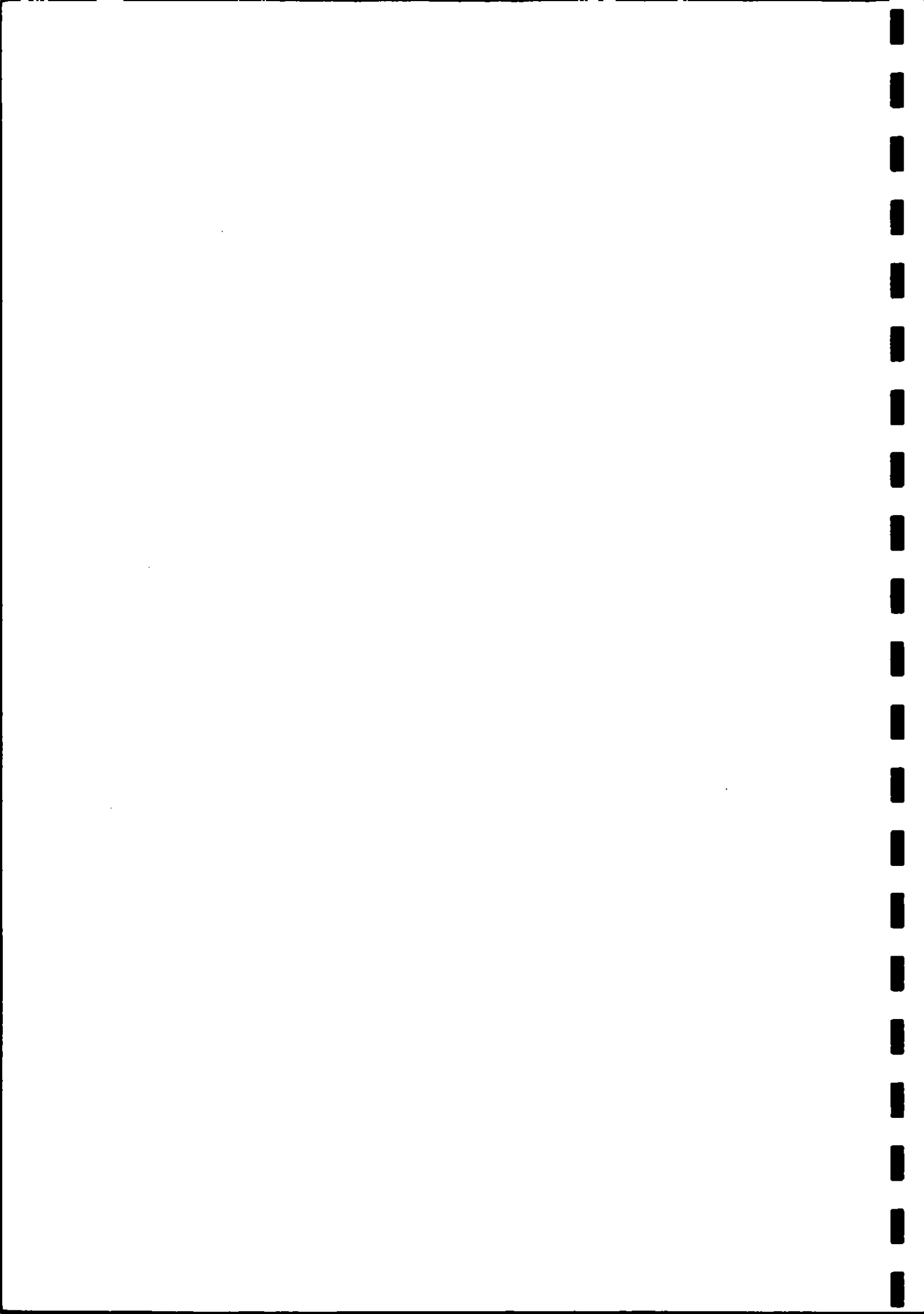
Harley, J.B. (1975) Ordnance Survey Maps: a descriptive manual.  
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East	North	LC	East	North	LC	East	North	LC
290	169	7	297	168	5	301	170	5
290	170	7	297	169	5	301	171	5
291	168	7	297	170	5	301	172	5
291	169	7	297	171	6	301	173	6
291	170	6	297	172	6	301	174	5
292	167	7	297	173	6	301	175	5
292	168	5	297	174	5	301	176	5
292	169	6	297	175	6	301	177	6
292	170	6	297	176	6	301	178	6
292	173	5	297	177	5	301	179	6
293	167	7	297	178	5	302	165	7
293	168	5	297	179	5	302	166	7
293	169	5	298	166	7	302	167	5
293	170	6	298	167	5	302	168	5
293	171	6	298	168	5	302	169	5
293	172	6	298	169	5	302	170	5
293	174	5	298	170	5	302	171	5
293	175	5	298	171	5	302	172	5
293	176	5	298	172	5	302	173	5
293	178	5	298	173	6	302	174	6
294	167	7	298	174	5	302	175	5
294	168	5	298	175	5	302	176	1
294	169	6	298	176	5	302	177	1
294	170	6	298	177	5	302	178	6
294	171	6	298	178	5	303	165	8
294	172	5	298	179	6	303	166	5
294	173	5	298	180	5	303	167	5
294	174	5	299	166	7	303	168	5
294	175	5	299	167	5	303	169	5
294	176	6	299	168	6	303	170	5
294	177	5	299	169	5	303	171	5
294	178	5	299	170	5	303	172	5
295	167	7	299	171	5	303	173	5
295	168	5	299	172	5	303	174	6
295	169	5	299	173	5	303	175	5
295	170	5	299	174	5	303	176	1
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296	174	5	300	176	5	304	178	5
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296	176	5	300	178	1	305	165	7
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296	178	6	301	166	7	305	167	5
296	179	6	301	167	5	305	168	5
296	180	5	301	168	5	305	169	5
297	167	7	301	169	6	305	170	5

East	North	LC	East	North	LC	East	North	LC
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East	North	LC	East	North	LC
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